

Voltage Controlled Oscillator

ROS-365-119+

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ OFFSET (KHz)	PHASE NOISE (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4			
0.00	14.94	317.7	316.4	315.6	6.50	5.96	5.21	-20.7	-61.8	-42.6	0.49	1	-91
0.25	13.47	321.4	320.2	319.4	6.70	6.09	5.40	-21.2	-62.1	-42.2	0.39	10	-118
0.50	12.64	324.7	323.5	322.8	6.82	6.17	5.53	-21.4	-62.0	-41.6	0.34	100	-140
0.75	12.16	327.8	326.7	326.0	6.88	6.23	5.62	-21.6	-61.5	-40.8	0.30	1000	-159
1.00	11.89	330.8	329.7	329.1	6.89	6.26	5.69	-21.8	-60.1	-40.2	0.27		
1.25	11.78	333.8	332.7	332.0	6.87	6.29	5.74	-22.3	-58.8	-39.8	0.25		
1.50	11.77	336.8	335.7	335.0	6.83	6.30	5.78	-22.8	-57.1	-39.1	0.23		
1.75	11.86	339.7	338.6	337.9	6.77	6.30	5.81	-23.3	-55.3	-38.4	0.21		
2.00	12.00	342.7	341.6	340.8	6.70	6.29	5.83	-23.7	-53.6	-37.8	0.20		
2.25	12.19	345.7	344.6	343.8	6.62	6.27	5.84	-24.0	-52.3	-37.1	0.18		
2.50	12.42	348.8	347.6	346.8	6.52	6.24	5.84	-24.4	-51.1	-36.4	0.18		
2.75	12.65	351.9	350.7	349.9	6.42	6.19	5.83	-24.8	-49.9	-35.8	0.18		
3.00	12.88	355.1	353.9	353.1	6.30	6.13	5.80	-25.2	-48.6	-35.4	0.19		
3.25	13.10	358.3	357.1	356.3	6.18	6.06	5.77	-25.7	-47.7	-34.9	0.21		
3.50	13.31	361.5	360.4	359.5	6.07	5.98	5.72	-26.1	-47.0	-34.7	0.25		
3.75	13.51	364.8	363.7	362.9	5.93	5.89	5.66	-26.4	-46.0	-34.4	0.29		
4.00	13.71	368.1	367.1	366.3	5.77	5.77	5.58	-26.6	-44.7	-34.1	0.34		
4.25	13.91	371.5	370.5	369.8	5.57	5.64	5.49	-26.9	-43.7	-34.3	0.40		
4.50	14.10	374.9	374.0	373.3	5.36	5.48	5.38	-27.3	-42.7	-34.4	0.45		
4.75	14.29	378.3	377.5	376.8	5.12	5.31	5.26	-27.7	-41.7	-34.4	0.51		
5.00	14.48	381.8	381.1	380.4	4.86	5.13	5.11	-27.9	-40.4	-34.5	0.56		
5.25	14.68	385.3	384.7	384.1	4.58	4.92	4.94	-27.8	-39.3	-34.7	0.60		
5.50	14.89	388.8	388.4	387.8	4.28	4.70	4.75	-27.7	-38.3	-34.8	0.63		
5.75	15.12	392.5	392.1	391.6	3.98	4.45	4.54	-27.7	-37.2	-35.3	0.64		
6.00	15.35	396.2	395.9	395.3	3.65	4.19	4.31	-27.8	-36.3	-35.7	0.65		

REV. X1
ROS-365-119+
061219
Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED RoHS compliant
P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661

The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

